QBOX User’s Manual

Trademark:

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Version:

User's Manual V1.1 for QBOX-N270.

P/N: 3A221LE00-000-G

Symbol description:

Caution : refers to important information that can help you to use QBOX better, and tells you how to avoid problems.

WEEE:

The use of this symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased this product.

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All images are for reference only, please refer to the physical product for specific features.

Safety Notice :

Before using this product, please read the below safety notice carefully, this will help to extend the product's lifecycle, and work normally.

- When QBOX is working, please make sure its ventilation system is working.
- The power adapter is dissipating heat during normal use, please be sure not to cover it and keep it away from your body to prevent discomfort or injury by heat exposure.
- Please use the power adapter that comes with the product's package, wrong power adapter may damage your device.
- Make sure all the peripherals are properly connected before using QBOX.
- This product should only be used in an environment with ambient temperatures between 0˚C and 40˚C.
- To reduce the risk of fire, use only No. 26 AWG or larger UL listed or CSA certified telecommunication line cord.
- Always shut down the computer before installing or uninstalling the peripheral which does not support hot plug.
- Disconnect all peripherals before servicing or disassembling this equipment.
- Please do not disassemble this product by yourself, any disassembly not approved by the original manufacturer may result in malfunction, and void warranty.
- Risk of explosion if battery is replaced by an incorrect type, please dispose of used batteries according to the instructions.

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The QBOX is a compact and easy to use desktop. It features all the desktop capabilities but with a slim body design which enables you to browse the internet in a relax and comfortable way.

This chapter includes the following information:

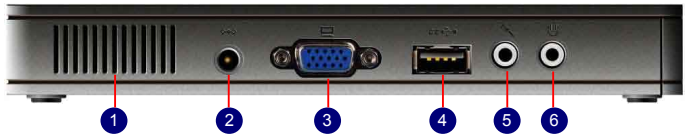
- Top View
- Left Side View
- Right Side View
- Bottom View

QBOX features all the desktop capabilities but with a slim body design which enables you to browse the internet in a relax and comfortable way.

1-1 Top View

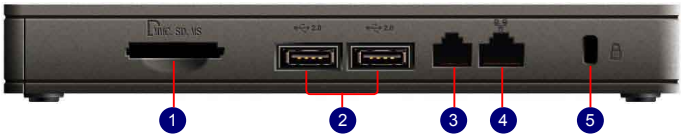
No.	Name	Description
1	Power Button	Turning the power on/off
2	Computer Status Indicators	From left to right: Num Lock Indicator Caps Lock Indicator Wireless Network Indicator

1-2 Left Side View



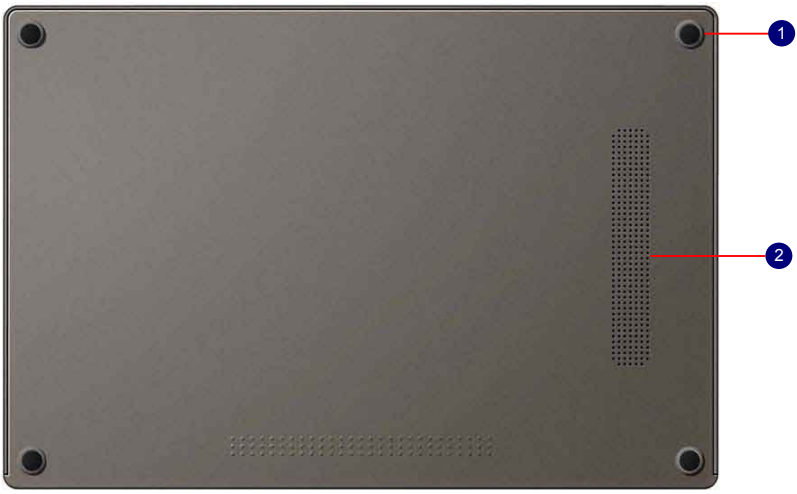
No.	Name	Description
1	Outlet Vents	QBOX's ventilation system outlet
2	Power Input Port	Connects to the power adapter
3	Display Output Port (VGA)	Connects to display device
4	USB Port	Connects to USB device
5	Microphone In	Connects to a microphone
6	Headphone Out	Connects to a headphone or amplified speaker

1-3 Right Side View



No.	Name	Description
1	Card Reader	Supports MMC/SD/MS memory cards
2	USB Port	Connects to USB device
3	Modem Port (optional)	Connects to a telephone line
4	Network Port	Standard RJ-45 network port
5	Kensington® Lock Slot	Connects to a security lock that prevent the QBOX to be removed from a fixed object

1-4 Bottom View



No.	Name	Description
1	Base Cushion	Seat and protect QBOX when it is placed on the desk
2	Inlet Vents	QBOX's ventilation inlet

2

In this chapter, the placement and the connection of some necessary peripherals will be introduced.

This chapter includes the following information:

- Placement of QBOX
- Connection of QBOX

2-1 Placement of QBOX

1. On the Desk

If there is enough space on your desk, you can simply put your QBOX on the tabletop as shown below.

2. Under the Display

If you want to save the space on your desk, you can :

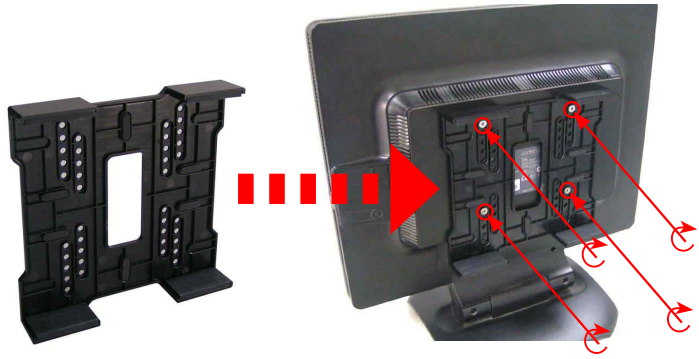
2.1 Adjust and fit the QBOX body into the bracket as shown.

2.2 Place the whole unit under the LCD.

3. On the Display Back

This is the best space-saving way.

3.1 Use four screws come with the packaging to fasten the bracket onto the display back. The diameter of screw is 4mm, and the length is 12mm.



3.2 Fit the QBOX into the bracket with power button locating at the bottom for easy touch.

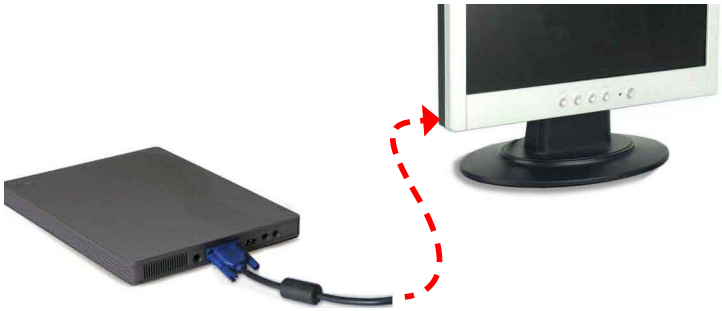
CAUTION

To install the bracket, your display must follow VESA75/VESA100 standard. The bracket supports many holes to help you easily fasten it onto the display.

2-2 Connection of QBOX

1. Connect the Monitor

Connect one end of the VGA cable to QBOX, and connect the other end to a monitor.



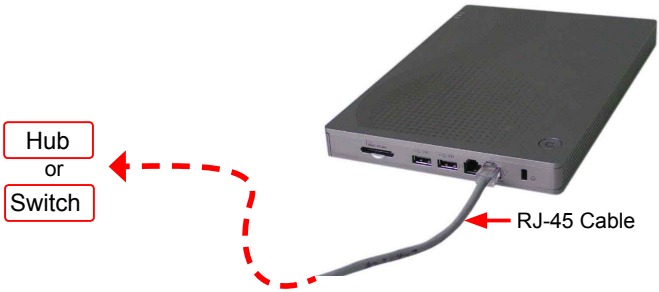
2. Connect the USB Devices

Connect USB devices to the USB ports of the QBOX, for example, mouse and keyboard.

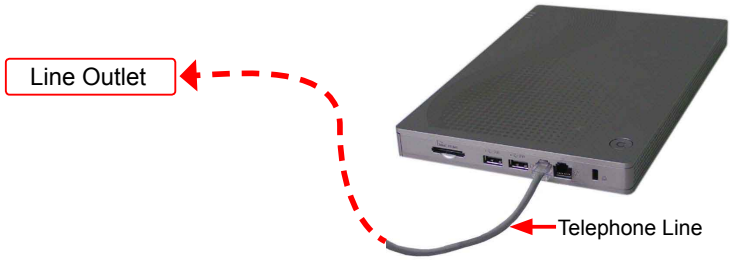
3. Connect the Network Cable

If you want to access the network, there are two options :

3.1 Connect LAN cable to the RJ-45 port, with the other end connected to a hub or switch.

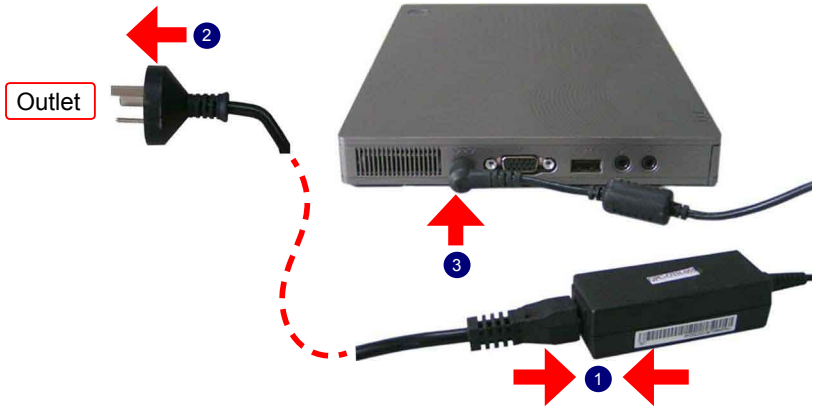


3.2 Connect the telephone line to the RJ-11 port. Use internal Modem to access the Internet.



4. Connect the Power Cord

Connect the power adapter to QBOX, and push the power button to start it.



CAUTION

The power adapter is dissipating heat during normal use, please make sure not to cover it and keep it away from your body to prevent discomfort or injury from heat exposure.

This chapter introduces the Windows installation :

- Install Windows XP
- Install Drivers in Windows XP

Make sure you have these ready :

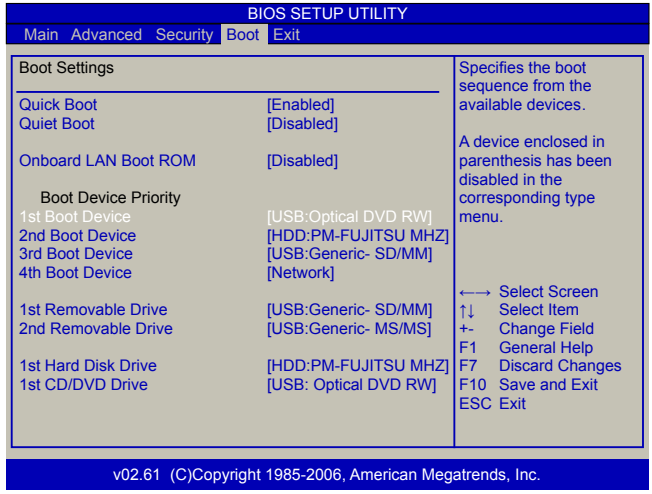
1. An external USB DVD-ROM drive. (Other purchase)
2. QBOX driver CD. (In this package)
3. Windows XP Install CD. (Other purchase)

Before we continue :

- Your QBOX power is off.
- Connect the USB DVD-ROM drive to one USB port of QBOX and power it on.

3-1 Install Windows XP

1. Push power on button to turn on your computer, then press <DEL> key to enter BIOS Setup.
2. Put the Windows XP Install CD into the USB DVD-ROM drive.
3. Select and go to the “Boot” menu, set the “1st Boot Device” to “USB: Optical DVD RW”, press <F10> key to save change and exit BIOS.


BIOS SETUP UTILITY
Main Advanced Security Boot Exit
Boot Settings
Quick Boot [Enabled]
Quiet Boot [Disabled]
Onboard LAN Boot ROM [Disabled]
Boot Device Priority
1st Boot Device [USB:Optical DVD RW]
2nd Boot Device [HDD:PM-FUJITSU MHZ]
3rd Boot Device [USB:Generic- SD/MM]
4th Boot Device [Network]
1st Removable Drive [USB:Generic- SD/MM]
2nd Removable Drive [USB:Generic- MS/MS]
1st Hard Disk Drive [HDD:PM-FUJITSU MHZ]
1st CD/DVD Drive [USB: Optical DVD RW]
Specifies the boot sequence from the available devices.
A device enclosed in parenthesis has been disabled in the corresponding type menu.
←→ Select Screen
↑↓ Select Item
+- Change Field
F1 General Help
F7 Discard Changes
F10 Save and Exit
ESC Exit
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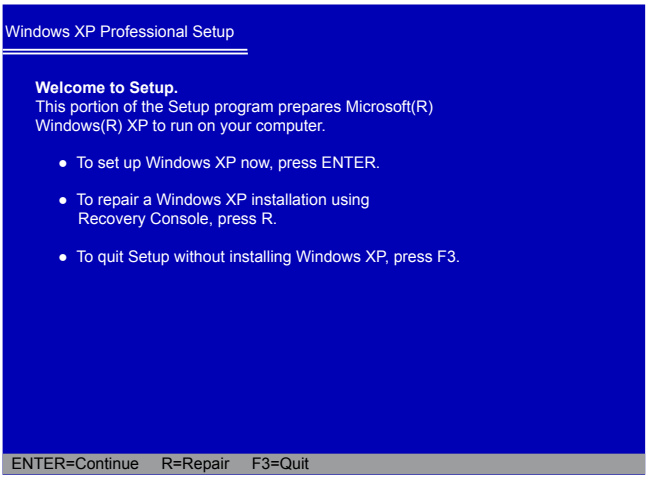
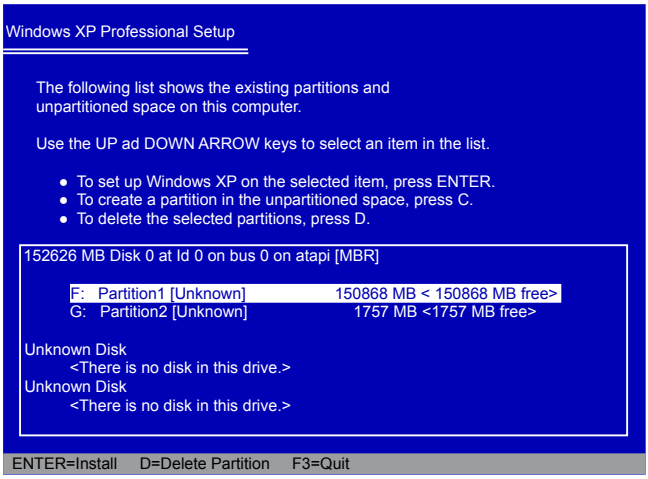
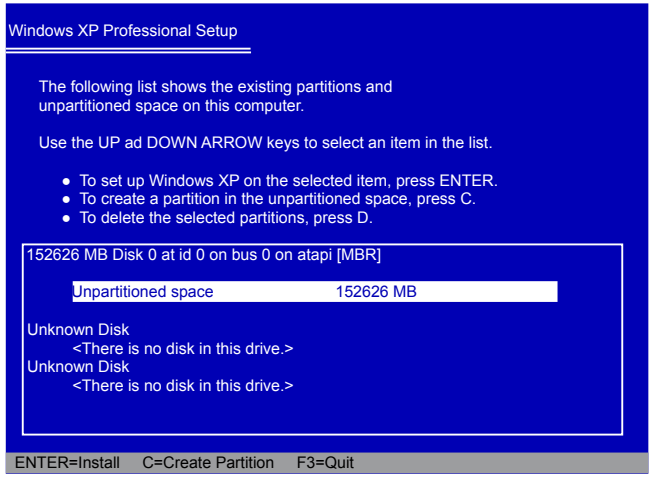
4. The computer will reboot, and it will start installing Windows XP Operating System.



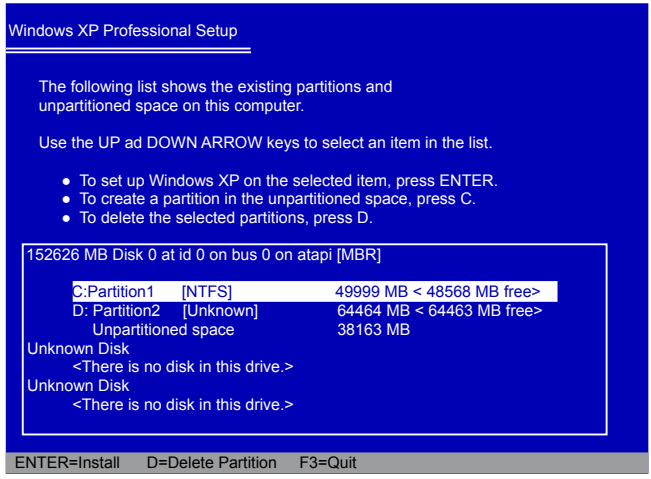
5. Press <ENTER> key to continue the installation.
6. Press <F8> key to accept the Licensing Agreement and continue.
7. Windows will display the hard disk partitions (160GB, in this example) of your system. If previously there were other systems (such as Linux) installed, you may need to press [D] key to delete them. When all partitions are clean, Setup will display the biggest size of your hard drive as depicted in step 8.



8. In this biggest hard disk size screen, you can press [C] to create partitions as you wish, assign them C:, D: or E: logical drive names.



9. In this example, we are creating a 50GB partition C: for the system. Press <Enter> to install Windows. The Windows XP install processes will ask you to format your hard disk, then copy files...etc. Follow the installation steps until the whole process is completed.



3-2 Install Drivers in Windows XP

1. When the Windows XP is completely installed, you have to install the necessary drivers before using the QBOX. Take out the Windows XP Install CD from the USB DVD-ROM drive, and put the QBOX driver CD inside.
2. Waiting for a few seconds, the main menu will be displayed on the screen.

3. Use these options to install all the drivers for your system. You must click "Intel Chipset Driver" to install it first. After that, you can click "One Click Setup" to install all the other drivers left, or you can click on each individual driver to install it manually.
4. After all the drivers are installed, you need to restart your QBOX, then you can start using it.

FoxOS is a newly developed Linux Operating System. If it was purchased and pre-installed by factory, the first time you start your computer, the computer will automatically launch "First Boot". This chapter will guide you through the setup and registration processes, and introduce you the desktop features.

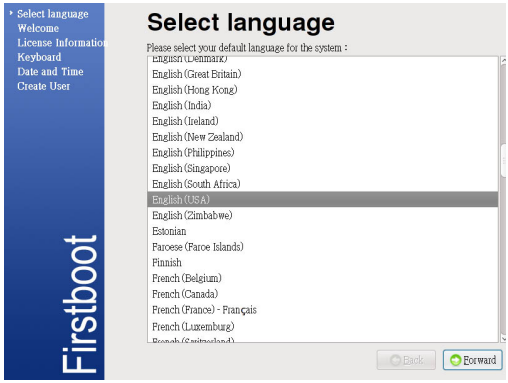
This chapter includes the following information :

- First Boot
- Desktop
- Desktop Shortcut
- Chinese Keyboard Input Mode
- Network Connection

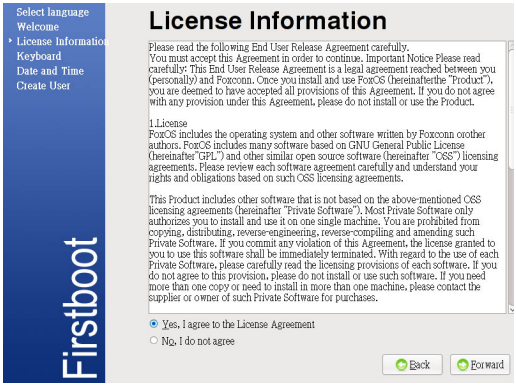
4-1 First Boot

For the first time, when you start QBOX with FoxOS, the computer will automatically launch "First Boot". This will guide you through the setup and registration processes. Please follow below steps to complete the setup.

1. Select the language and click “Forward” to continue.

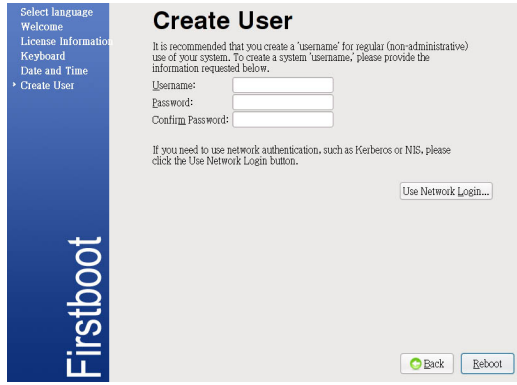


2. Browse the [Welcome] page and click “Forward” to the next, then select “Yes” and click “Forward” .

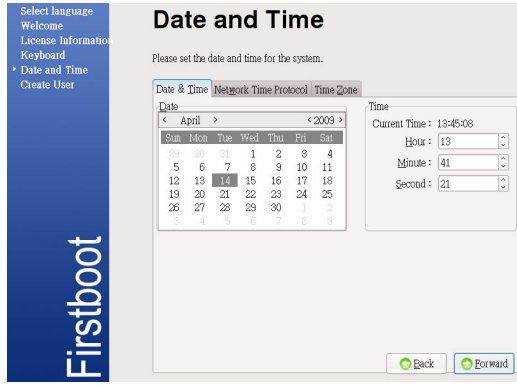

Select language
Welcome
License Information
Keyboard
Date and Time
Create User
Firstboot
License Information
Please read the following End User Release Agreement carefully.
You must accept this Agreement in order to continue. Important Notice Please read carefully: This End User Release Agreement is a legal agreement reached between you (personally) and Foxconn. Once you install and use FoxOS (hereinafterthe "Product"), you are deemed to have accepted all provisions of this Agreement. If you do not agree with any provision under this Agreement, please do not install or use the Product.
1.License
FoxOS includes the operating system and other software written by Foxconn orother authors. FoxOS includes many software based on GNU General Public License (hereinafter"GPL") and other similar open source software (hereinafter "OSS") licensing agreements. Please review each software agreement carefully and understand your rights and obligations based on such OSS licensing agreements.
This Product includes other software that is not based on the above-mentioned OSS licensing agreements (hereinafter "Private Software"). Most Private Software only authorizes you to install and use it on one single machine. You are prohibited from copying, distributing, reverse-engineering, reverse-compiling and amending such Private Software. If you commit any violation of this Agreement, the license granted to you to use this software shall be immediately terminated. With regard to the use of each Private Software, please carefully read the licensing provisions of each software. If you do not agree to this provision, please do not install or use such software. If you need more than one copy or need to install in more than one machine, please contact the supplier or owner of such Private Software for purchases.
Yes, I agree to the License Agreement
No, I do not agree
Back
Forward

3. Select a keyboard, and click “Forward” to continue

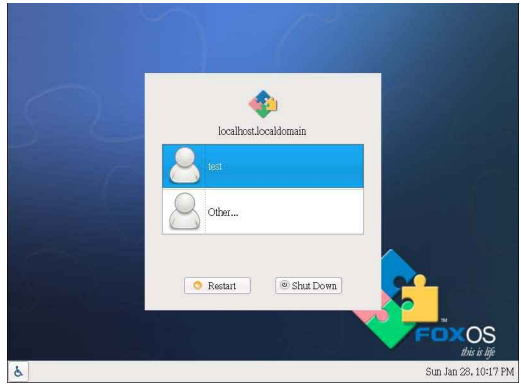
4. Input a user account, then click “Forward” to continue.


Select language
Welcome
License Information
Keyboard
Date and Time
Create User
Firstboot
Create User
It is recommended that you create a 'username' for regular (non-administrative) use of your system. To create a system 'username', please provide the information requested below.
Username:
Password:
Confirm Password:
If you need to use network authentication, such as Kerberos or NIS, please click the Use Network Login button.
Use Network Login...
Back
Reboot

5. Select Date and Time, then click “Reboot” to complete the setup and reboot your system.



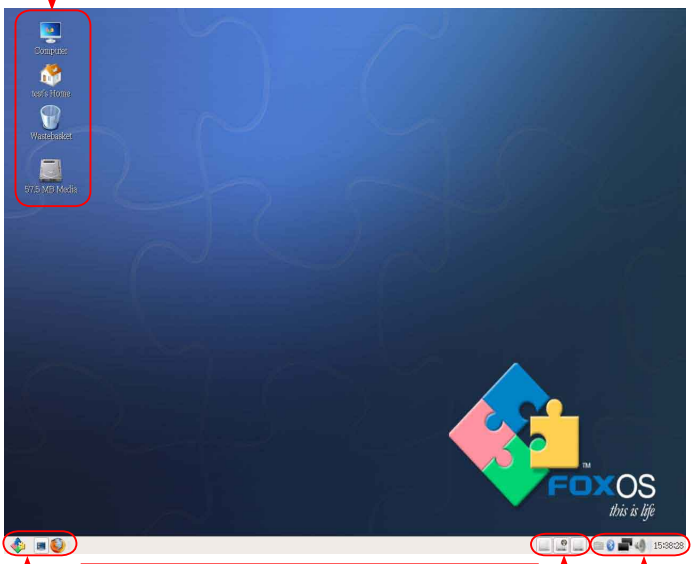
6. The system will come out the login screen, select the user and input the password to login.



4-2 Desktop

When you login the QBOX FoxOS system, the screen will display :

Desktop Shortcuts: Double-click them to launch the corresponding applications or enter the specified folders.



Hard disk Icon: Shows the hard disk connection
USB disk Icon: Shows the USB disk connection

Puzzle Icon: Start Button, Open program menu
Screen Icon: Display the desktop/recover the minimized windows
Firefox Icon: Open Firefox browser

Keyboard Icon: Shows/switches the input method
Bluetooth Icon: Shows Bluetooth status
Network Icon: Shows network connection status
Speaker Icon: Adjusts volume
Clock Icon: Shows/adjusts the system time

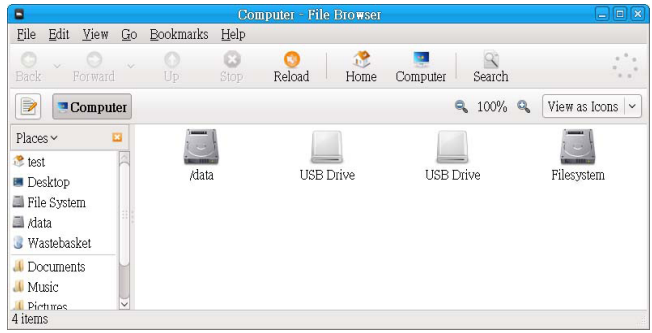
CAUTION

If a USB DVD drive or hard disk is connected in the system, there will be an icon on the desktop and the system tray, for example, the 57.5 MB Media on the desktop is the USB disk icon.

4-3 Desktop Shortcut

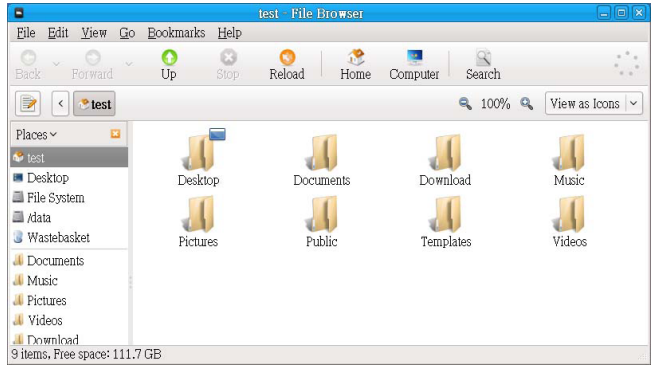
1. Computer

On the desktop, double-click "Computer" shortcut will bring out a list of devices inside the QBOX (including HDD, USB drive). You can access each device individually by clicking on it.



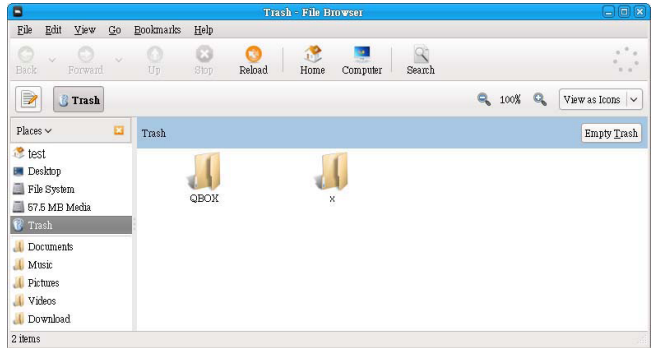
2. My Documents

My documents is used to store user's personal documents, video or music files. Double-click the "test's Home" shortcut brings up the screen below.



3. Recycling Bin

Deleted files are temporarily stored in the Recycling Bin. If you mistakenly deleted a file, then you can restore it from the screen below.



4-4 Chinese Keyboard Input Mode

When user wants to input Chinese, he must select the Chinese keyboard input mode. By default, the system selects the English input mode. To switch to the Chinese keyboard mode, run the application program and "repeatedly" press <Ctrl> + <Shift> keys together to switch among different input modes. The current input method will be displayed in the lower right corner of the screen as shown below.

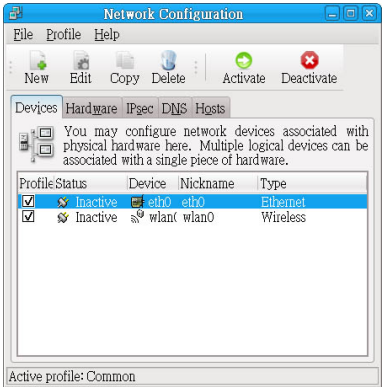
CAUTION

If there is no the “Keyboard Icon” in the system tray, you can click “Start” > “System” > “Preferences”> “Personal” > “Input Method” to enable it.

4-5 Network Connection

1. Wired Network Connection Setup

1.1 If the RJ-45 cable is connected normally, but the network icon in the system tray shows no connection, right-click the Network icon, make sure the “Enable Networking” is enabled, then click “Start” > “System” >”Administration” >”Network”, select the eth0 item and click “Activate” button.

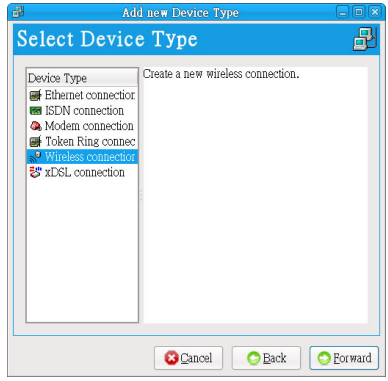

Network Configuration
File Profile Help
New Edit Copy Delete Activate Deactivate
Devices Hardware IPsec DNS Hosts
You may configure network devices associated with physical hardware here. Multiple logical devices can be associated with a single piece of hardware.
Profile Status Device Nickname Type
Inactive eth0 eth0 Ethernet
Inactive wlan(wlan0 Wireless
Active profile: Common

1.2 Click the network icon in the system tray, and select “System eth0” to enable the connection, after this is completed, the network is established.

2. Wireless Network Connection Setup

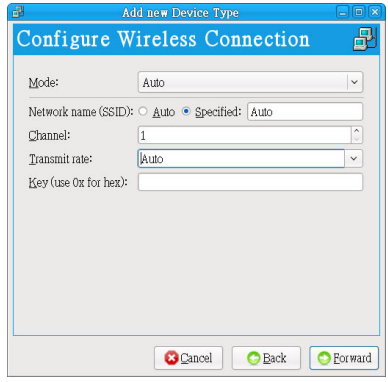
Before using the wireless network, you can configure it to meet your needs. If you use the default setup, please operate from step [2.6] below.

2.1 Click “Start” > “System” > “Administration” > “Network”, then click on “New” button in “Network Configuration” dialog box, select “Wireless connection” in the pop-up windows below.

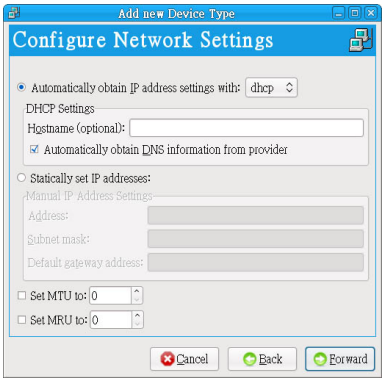


2.2 Select the detected wireless device that you want to configure and click “Forward” to continue.

2.3 Select “Auto” mode and click “Forward” to continue.



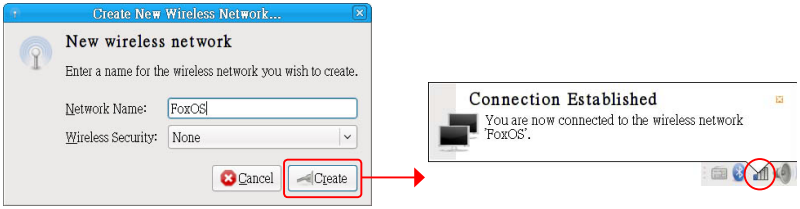
2.4 Select “Automatically obtain IP address” and click “Forward” to continue, or select “Statically set IP address” and input the relevant parameter if you have the statically IP.



2.5 Click “Apply” to finish the setup.

2.6 Right-click the network icon and select “Enable Wireless Network”, then Left-click the network icon and select “Create New Wireless Network”.

2.7 Input the “Network Name” that you wanted, select the wireless security mode and set the password, then click “Create” to create the wireless network connection. The Signal icon indicate that the wireless connection is established normally.


Create New Wireless Network...
New wireless network
Enter a name for the wireless network you wish to create.
Network Name: FoxOS
Wireless Security: None
Cancel
Create
Connection Established
You are now connected to the wireless network 'FoxOS'.

This chapter introduces some useful applications come with the FoxOS system.

- Internet
- Office Applications
- Education and Learning
- Multimedia Applications
- Other Applications

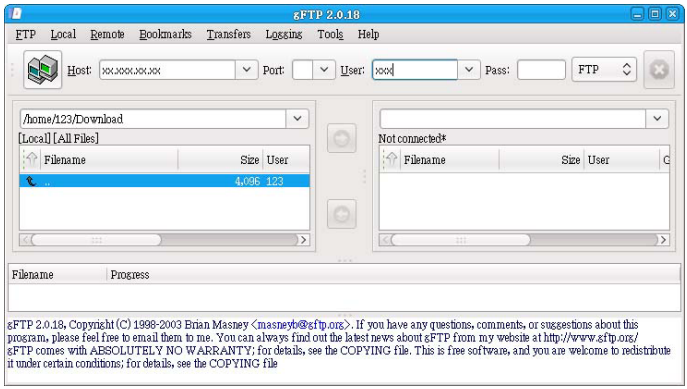
5-1 Internet

1. Web Browsing

Click on the “Firefox” icon in the desktop toolbar or “Start” > “Internet” > “Firefox Web Browser” to open the web browser as shown below.

2. Files Transfer

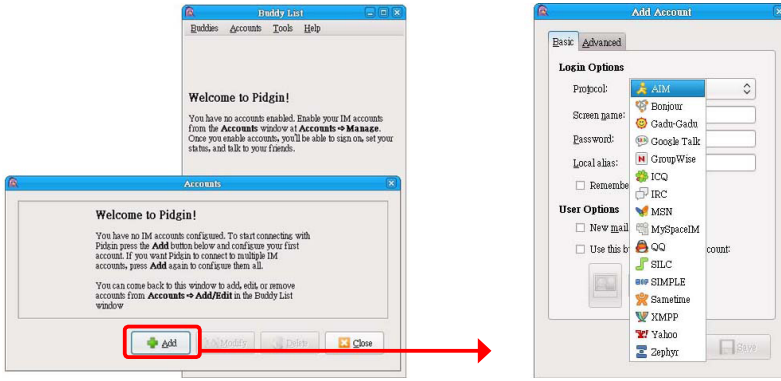
Click “Start” > “Internet” > "gFTP" from the desktop toolbar to open the gFTP client as shown below. “gFTP” is a file transferring program, you can upload or download files through multiple File Transfer Protocols (FTP, FTPS, HTTP etc.). Input the Host name that you want to access and the port type, user name, password, then select the server type and press [Enter] to access. The left column will show the local files and the right one will show files on the server.


gFTP 2.0.18
FTP Local Remote Bookmarks Transfers Logging Tools Help
Host: Port: User: Pass: FTP
/home/123/Download
[Local] [All Files]
Filename Size User
Not connected*
Filename Progress
gFTP 2.0.18, Copyright (C) 1998-2003 Brian Masney
gFTP comes with ABSOLUTELY NO WARRANTY; for details, see the COPYING file. This is free software, and you are welcome to redistribute it under certain conditions; for details, see the COPYING file

3. Instant Messaging

Click “Start” > “Internet” > "Internet Messenger" from the desktop toolbar to open the online instant messaging client as shown.

Please click the “Add” button to add any type of instant messaging account (e.g. Yahoo Messenger, QQ, MSN etc.) as listed.



5-2 Office Applications

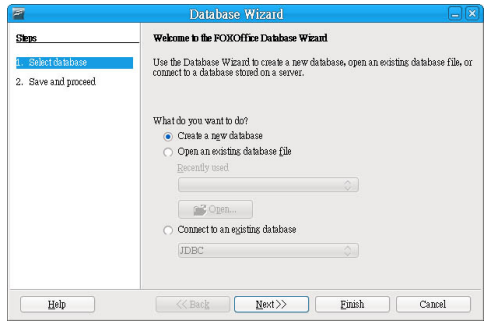
FOXOffice is a complete office application suite which allows you to build your own database, calculate on a spreadsheet, prepare presentation slides, make charts or formula, and edit a document.

5

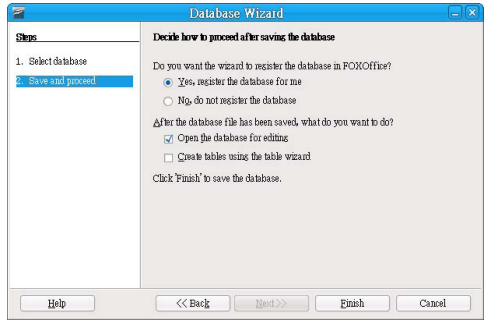
1. FOXOffice 2.3 Base

FoxOffice 2.3 Base is used for managing database.

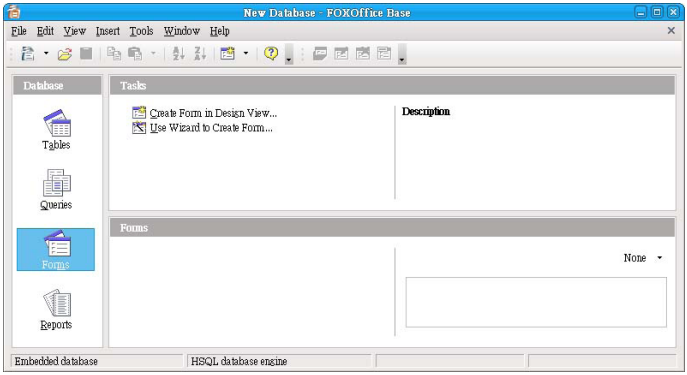
1.1 Click “Start” > “Office” > “FOXOffice 2.3 Base”, in the Database Wizard dialog box, you can select to create a new database, open an existing database, or connect to a server database.



1.2 Select an action to proceed after saving the database and click “Finish”.


Database Wizard
Steps
1. Select database
2. Save and proceed
Decide how to proceed after saving the database
Do you want the wizard to register the database in FOXOffice?
Yes, register the database for me
No, do not register the database
After the database file has been saved, what do you want to do?
Open the database for editing
Create tables using the table wizard
Click 'Finish' to save the database.
Help
<< Back
Next >>
Finish
Cancel

1.3 Select a location to save the database file, then the Base window will be displayed.



2. FOXOffice 2.3 Calc

FoxOffice Calc is used for spreadsheet calculations. You can click “Start” > “Office” > "FOXOffice 2.3 Calc" from the desktop toolbar to run it.

3. FOXOffice 2.3 Draw

FoxOffice Draw is an office application used for creating graphics. You can click "Start"> “Office” > "FOXOffice 2.3 Draw" from the desktop toolbar to run it.

4. FOXOffice 2.3 Impress

FoxOffice Impress is an office application used for presentations slides. You can click “Start” > “Office” > "FOXOffice 2.3 Impress" from the desktop toolbar to run it.

5. FOXOffice 2.3 Math

FoxOffice Math is an office application used for drawing mathematical formula. You can click “Start” > “Office” > "FOXOffice Math" from the desktop toolbar to run the application.

6. FOXOffice 2.3 Writer

FoxOffice Writer is an office application used for word processing. You can click “Start” > “Office” > "FOXOffice Writer" from the desktop toolbar to run it.

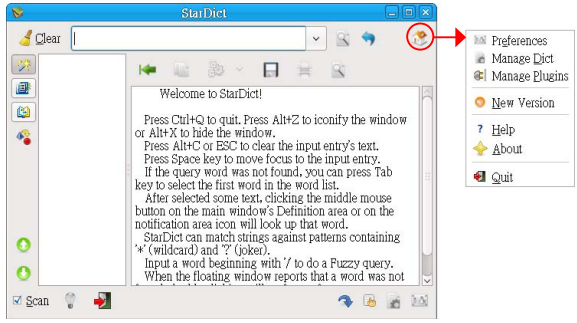
7. FreeMind

"FreeMind" is a visualization software that uses a tree diagram to record notes. The tree structure allows the user to quickly insert a record of any event at any node. You can click “Start” > “Office” > “FreeMind” to run this application.

5-3 Education and Learning

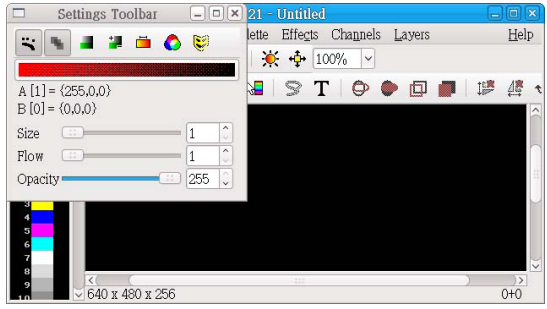
1. StarDict

"StarDict" is a dictionary that can be used for translation between English and Chinese. You can click “Start” > “Accessories” > "StarDict" to run this application, and click the "Home" icon on the top right corner to manage it or set your preferences.


StarDict
Clear
Welcome to StarDict!
Press Ctrl+Q to quit. Press Alt+Z to iconify the window or Alt+X to hide the window.
Press Alt+C or ESC to clear the input entry's text.
Press Space key to move focus to the input entry.
If the query word was not found, you can press Tab key to select the first word in the word list.
After selected some text, clicking the middle mouse button on the main window's Definition area or on the notification area icon will look up that word.
StarDict can match strings against patterns containing '*' (wildcard) and '?' (joker).
Input a word beginning with '/' to do a Fuzzy query.
When the floating window reports that a word was not
Scan
Preferences
Manage Dict
Manage Plugins
New Version
Help
About
Quit

2. Mtpaint

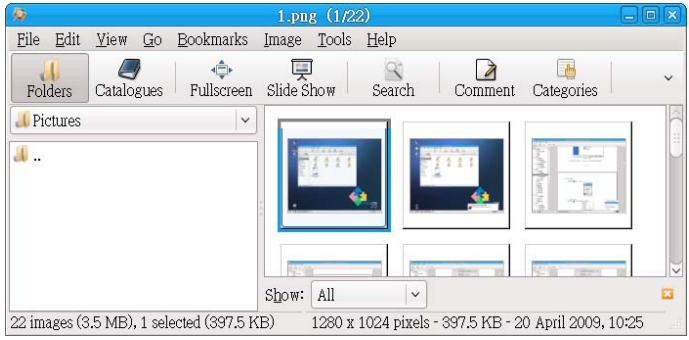
"Mtpaint" is a painting software similar to Windows Paint and is used for drawing or editing graphics. You can click “Start” > "Graphics" > "Mtpaint" from the desktop toolbar to run it.



5-4 Multimedia Applications

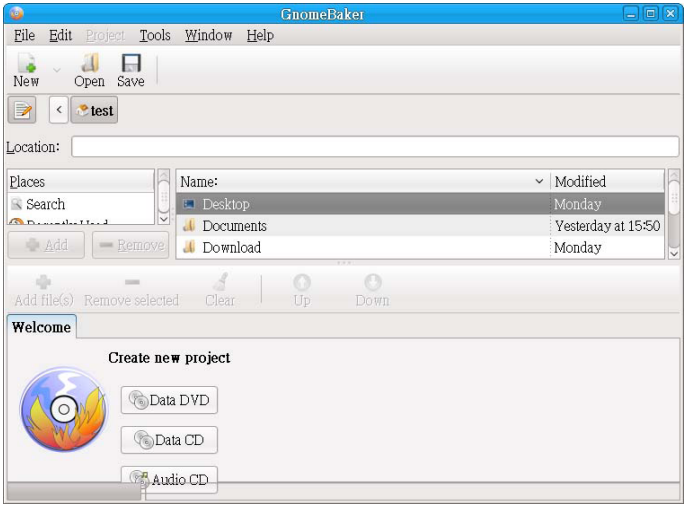
1. gThumb Picture Manager

"gThumb Picture Manager" is a picture management tool featuring many functions like View, Set image as wallpaper, etc.. You can click “Start” > "Graphics" > "gThumb Image Viewer" to run it.


1.png (1/22)
File Edit View Go Bookmarks Image Tools Help
Folders Catalogues Fullscreen Slide Show Search Comment Categories
Pictures
..
Show: All
22 images (3.5 MB), 1 selected (397.5 KB)
1280 x 1024 pixels - 397.5 KB - 20 April 2009, 10:25

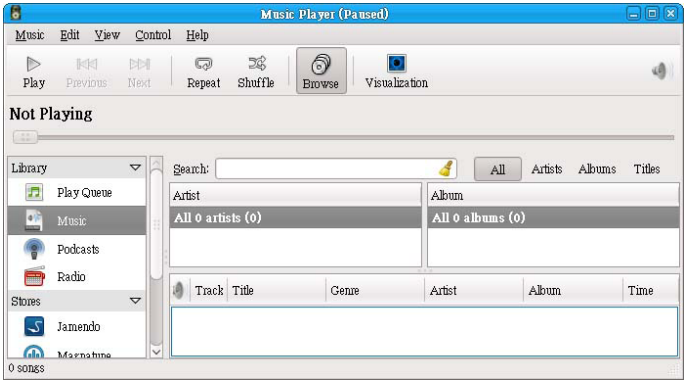
2. CD Recording

FoxOS provides full support for CD/DVD recorders. You can click “Start” > "Sound&Video">"Gnome Baker CD/DVD Writer" to run it.



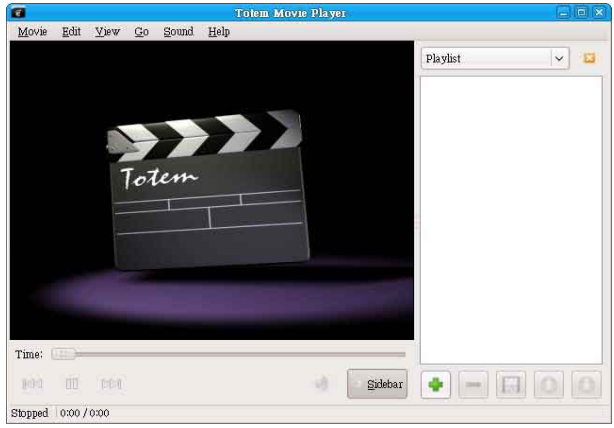
3. Rhythmbox Music Player

"Rythmbox" is a music player program which can organize music files into a play list or stream radio broadcasts. You can click “Start” > "Sound& Video" > “Rhythmbox Music Player” to run it.



4. Video Player

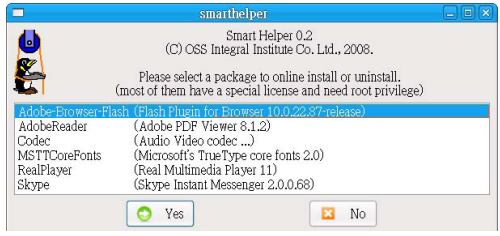
It is very simple for QBOX to play video. Just load the disc or file into the QBOX then double click it to play. To use, you can click “Start” > "Sound& Video" > "Movie Player" from the desktop toolbar.



5-5 Other Applications

1. Smarthelper

"Smarthelper" helps user to install commercial applications or third-party add-ons on the QBOX. You can click “Start” > “System Tools” > "Smart Helper" to use it.


smarthelper
Smart Helper 0.2
(C) OSS Integral Institute Co. Ltd., 2008.
Please select a package to online install or uninstall.
(most of them have a special license and need root privilege)
Adobe-Browser-Flash (Flash Plugin for Browser 10.0.22.87-release)
AdobeReader (Adobe PDF Viewer 8.1.2)
Codec (Audio Video codec ...)
MSTTCoreFonts (Microsoft's TrueType core fonts 2.0)
RealPlayer (Real Multimedia Player 11)
Skype (Skype Instant Messenger 2.0.0.68)
Yes
No

2. Package Updater

"Package Updater" can be used to automatically update software currently installed in the QBOX. If a newer version is available, Package Updater will automatically download and install it. you can click “Start” > “System Tools” > "Software Updater" to use it.

3. Basic Parameter Settings

System basic parameters can be configured through the “Preferences” and “Administration” menus. For example, the personal information, preferences, mouse and keyboard parameter, volume, date and time, language, etc.. Click “Start”> “System”, then select the items you want to configure from the “preferences” or “Administration” menu.

Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning:

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

Caution:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF exposure warning:

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.